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PATENT
PD-980034

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Donald C.D. Chang et al. : Date:

Serial No.: 09/497,865 : Group Art Unit: 3662

Filed: February 4, 2000 : Examiner: Issing, Gregory C.

For: AN IMPROVED PHASED ARRAY TERMINAL FOR
EQUATORIAL SATELLITE CONSTELLATIONS

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.97 (c)
WITH PAYMENT OF FEE UNDER 37 C.F.R. 1.17 (p)

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Dear Sir:

The attention of the Office is drawn to the references listed on the accompanying PTO-1449 form (copies enclosed). These references were cited in an International Search Report dated January 28, 2004, PCT application (EP 01101660.7-2220). Please refer to the indications of allegedly relevant passages identified in the Search Report.

This Information Disclosure Statement is not to be construed as a representation that a search has recently been made, that additional information material to the examination of this application does not exist, or that this citation constitutes prior art.

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PAYMENT OF FEE SET FORTH IN § 1.17 (p)

Please charge Deposit Account No. 50-0383 of Hughes Electronics Corporation, El Segundo, California, in the amount of \$180.00. The Commissioner is hereby authorized to charge any additional fees, which may be required, or credit any overpayment, to that account. **This form is being submitted in duplicate.**

Respectfully submitted,
DONALD C.D. CHANG, et al

By:


Georgann S. Grunebach
Attorney for Applicant
Registration No. 33,179

Enclosure: Form PTO-1449 w/references
HUGHES ELECTRONICS CORPORATION
RE/R11/A109
P.O. Box 956
El Segundo, CA 90245-0956
(310) 964-4615



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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number	09/497,865
Filing Date	February 4, 2000
First Named Inventor	Donald C.D. Chang
Art Unit	3662
Examiner Name	Issing, Gregory C.
Attorney Docket Number	PD-980034

U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ ~Number ⁴ ~Kind Code ⁵ (if known)				
		EP 0 190927 A	08-13-1986	Natnl Res Dev		
		EP 0 647976 A	04-12-1995	Nippon Steel Co		
		WO 9733342 A	09-12-1997	Nippon Steel Co		

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Complete if Known			
Application Number		09/497,865	
Filing Date		February 4, 2000	
First Named Inventor		Donald C.D. Chang	
Art Unit		3662	
Examiner Name		Issing, Gregory C.	
Sheet	2	of	2
		Attorney Docket Number	
		PD-980034	

NON PATENT LITERATURE DOCUMENTS

Examiner Signature		Date Considered	
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